

<p>Substitute for Form 1449/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p> <p style="text-align: right;">MAY 04 2004</p> <p style="text-align: right;"><i>SEARCHED</i></p>					<i>Complete if Known</i>	
					Application Number	09/540,190
					Filing Date	March 31, 2000
					First Named Inventor:	Robert W. Faber
					Art Unit	2135
					Examiner Name	Song, Hosuk
					Attorney Docket Number	42390.P7948
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
HS		US- 3,798,360		03-19-1974	Feistel	
HS		US- 4,004,089		01-18-1977	Richard et al.	
HS		US- 4,605,820		08-12-1986	Campbell, Jr.	
HS		US- 4,607,137		08-19-1986	Jansen et al.	
HS		US- 4,641,102		02-03-1987	Coulthart et al.	
HS		US- 4,991,208		02-05-1991	Walker et al.	
HS		US- 5,341,425		08-23-1994	Wasilewski et al.	
HS		US- 5,341,426		08-23-1994	Barney et al.	
HS		US- 5,533,127		07-02-1996	Luther	
HS		US- 5,657,095		08-12-1997	Yoshida et al.	
HS		US- 5,680,131		10-21-1997	Utz	
HS		US- 6,118,873		09-12-2000	Lotspiech et al.	
HS		US- 6,289,102 B1		09-11-2001	Ueda et al.	
HS		US- 6,345,101 B1		02-05-2002	Shukla	
HS		US- 6,452,959 B1		09-17-2002	McDonough	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
AS		WO 01/17251 A1	03-08-2001	Intel Corporation		

Examiner Signature	Hosik Song	Date Considered 7/13/04	
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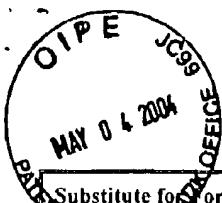
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